

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1199	(ichihara-takahiro or watanabe-hajime or fujiwara-hideki or mera-minoru or adaniya-taku or kanai-akinobu or arai-tomoharu).IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:58
S2	216	S1 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:06
S3	0	koyo-seiko.AS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/03 12:02
S4	184	("koyo seiko co." or "kabushiki kaisha toyota jidoshokki").AS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:59
S5	51	S4 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:00
S6	1885	iwanami.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:00
S7	254	iwanami.IN. and @pd>"20021101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 12:46
S8	0	meckstrothi.IN. and @pd>"20030701"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 12:46
S9	0	meckstrothi.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 12:47
S10	132	meckstrothi.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 12:47

## EAST Search History

S11	545	192/48.92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:57
S12	197	S11 and bearing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:01
S13	2011	(engine and motor and compressor and (one-way or (one adj way) or over\$running or free\$wheel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:06
S14	304	S13 and (air adj conditioner)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:40
S15	9	("20020067999"   "20020104321"   "20020124580"   "5959385"   "6148632"   "6467291").PN. OR ("6617727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 13:40
S16	500	74/661.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:55
S17	751	74/661.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/03 14:05
S18	108	S17 and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/03 13:58
S19	81	417/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/03 14:05
S20	60	417/16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:43
S21	354	62/236.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:55

## EAST Search History

S22	476	62/236.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:16
S23	47	S22 and (engine and motor) and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/03 14:19
S24	22	62/323.4.ccls. and (engine and motor) and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:17
S25	1815	192/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:34
S26	133	S25 and (engine and motor) and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/03 14:52
S27	42	192/48.1-51.ccls. and nested	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:47
S28	19	(ichihara-takahiro or watanabe-hajime or fujiwara-hideki or mera-minoru or adaniya-taku or kanai-akinobu or arai-tomoharu).IN. and @pd>"20050504"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 10:51
S29	20	("koyo seiko co." or "kabushiki kaisha toyota jidoshokki").AS. and @pd>"20050504"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 14:18
S30	18	S29 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:52
S31	4	192/48.92.ccls. and @pd>"20050504"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:54

## EAST Search History

S32	549	192/48.92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:54
S33	199	S32 and bearing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 14:52
S34	56	S32 and sprag	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:34
S35	15	S34 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:34
S36	19	("2427120"   "2591993"   "3314510"   "3907083"   "4284183").PN. OR ("4693351"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 12:36
S37	134	(engine and motor and compressor and (one-way or (one adj way) or over\$running or free\$wheel)) and @pd>"20050504"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:39
S38	23	S37 and (air adj conditioner)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:40
S39	3	74/661.ccls. and @pd>"20050504"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:43
S40	4	417/16.ccls. and @pd>"20050504"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:56
S41	11	62/236.ccls. and @pd>"20050504"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:44
S42	0	62/323.4.ccls. and (engine and motor) and (one-way or (one adj way) or over\$running or free\$wheel) and @pd>"20050504"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:44

## EAST Search History

S43	13	192/45.ccls. and @pd>"20050504"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:45
S44	3	192/48.1-51.ccls. and nested and @pd>"20050504"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:18
S45	1021	192/45.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 12:47
S46	2	("2806566").URPN.	USPAT	OR	ON	2005/11/18 12:56
S47	6	("3165183").URPN.	USPAT	OR	ON	2005/11/18 13:00
S48	6019	(first and second) and nested and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:16
S49	1974	S48 and (inner and outer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:12
S50	53	S48 and "192"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:12
S51	1974	S49 and (inner and outer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:12
S52	48	S49 and "192"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:15
S53	60	"192"/\$7.ccls. and nested and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:04
S54	60	"192"/\$7.ccls. and nested and (one-way or (one adj way) or over\$running or free\$wheel or freewheeling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:16
S55	251	(first and second) and nested and ((one-way or (one adj way) or over\$running or free\$wheel or freewheeling) with clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 13:17

## EAST Search History

S56	63584	ueda.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 14:53
S57	65	(ueda and tabuchi).IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 14:53
S58	1225	(ichihara-takahiro or watanabe-hajime or fujiwara-hideki or mera-minoru or adaniya-taku or kanai-akinobu or arai-tomoharu).IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:06
S59	228	S58 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:08
S60	1	(US-20040178040-\$).did.	US-PGPUB	OR	ON	2005/11/18 15:08
S61	1	S60 and curved	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:15
S62	0	"192"/\$7.ccls. and (recess with (curved with (stress near2 (avoid\$3 or eliminat\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:17
S63	7	(recess with (curved with (stress near2 (avoid\$3 or eliminat\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:19
S64	198	(recess with (stress near2 (avoid\$3 or eliminat\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:19
S65	2	S64 and "192"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:22
S66	2	(US-20040026201-\$).did. or (US-6793052-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/18 15:23
S67	0	S66 and curved	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 15:22
S68	2	S66 and stress	US-PGPUB; USPAT	OR	ON	2005/11/18 15:23

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S69	2	S66 and rounded	US-PGPUB; USPAT	OR	ON	2005/11/18 15:32
S70	27	hayashi-hirohito.IN.	US-PGPUB; USPAT	OR	ON	2005/11/18 15:32
S71	16	(ichihara-takahiro or watanabe-hajime or fujiwara-hideki or mera-minoru or adaniya-taku or kanai-akinobu or arai-tomoharu).IN. and @pd>"20051118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 10:51
S72	10	("20020157413"   "20030000792"   "20030098186"   "20030098216"   "20030103848"   "20030126870"   "20030194263"   "20030200759"   "20040178040"   "20040180742"). PN. OR ("7007781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/09 10:54
S73	37	("koyo seiko co." or "kabushiki kaisha toyota jidoshokki").AS. and @pd>"20051118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 10:57
S74	6	192/48.92.ccls. and @pd>"20051118"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/09 10:58
S75	13	192/45.ccls. and @pd>"20051118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:20
S76	5	74/661.ccls. and @pd>"20051118"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:15
S77	23	62/236.ccls. and @pd>"20051118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:16
S78	5	62/323.4.ccls. and @pd>"20051118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:17
S79	0	192/48.1-51.ccls. and nested and @pd>"20051118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:18

## EAST Search History

S80	3	417/16.ccls. and @pd>"20051118"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:19
S81	8	192/110B.ccls. and nested	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:39
S82	12	192/45.ccls. and nested	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:21
S83	11	(ichihara-takahiro or watanabe-hajime or fujiwara-hideki or mera-minoru or adaniya-taku or kanai-akinobu or arai-tomoharu).IN. and @pd>"20060609"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:59
S84	33	("koyo seiko co." or "kabushiki kaisha toyota jidoshokki").AS. and @pd>"20060609"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:59
S85	1	S84 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:00
S86	24	iwanami.IN. and @pd>"20060609"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:00
S87	205	192/48.92.ccls. and bearing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:01
S88	10	("20020157413"   "20030000792"   "20030098186"   "20030098216"   "20030103848"   "20030126870"   "20030194263"   "20030200759"   "20040178040"   "20040180742").PN. OR ("7007781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:05
S89	22	("2097021"   "2149320"   "2510469"   "2559128"   "2941420"   "2995954"   "3077796"   "3082647"   "4391164"   "4706520").PN. OR ("4800780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:17



## EAST Search History

S90	8	192/45.ccls. and @pd>"20060609"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:33
S91	726	192/45.ccls. and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:34
S92	404	S91 and (first and second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:35
S93	0	("2003/0006113").URPN.	USPAT	OR	ON	2006/11/13 13:37
S94	6	("20010000285"   "20020134974"   "3579780"   "5728020"   "6170625").PN. OR ("6830137"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:40
S95	7	("3623581"   "5074393"   "5078243"   "5343991"   "5433305"   "5601166"   "6279708").PN. OR ("6705444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:41
S96	6	("4725259"   "4832665"   "5676225"   "6093991"   "6237736"   "6257385").PN. OR ("6464057"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:43
S97	33	("3563352"   "3582697"   "3623581"   "3920107"   "3946541"   "3951244"   "4227600"   "4287976"   "4467904"   "4476744"   "4718526"   "4725259"   "4917655"   "4973870"   "5059842").PN. OR ("5675202"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 13:45
S98	3	74/661.ccls. and @pd>"20060609"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:55
S99	10	62/236.ccls. and @pd>"20060609"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:55
S10 0	0	417/16.ccls. and @pd>"20060609"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 13:56

## EAST Search History

S10 1	861	192/44.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 13:57
S10 2	292	S101 and bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 13:57
S10 3	11	("2251464"   "3941199"   "4597467"   "5129871"   "5971123").PN. OR ("6257386"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 14:01
S10 4	12	192/110B.ccls. and @pd>"20060609"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:40
S10 5	9	("20020067999"   "20020104321"   "20020124580"   "5959385"   "6148632"   "6467291").PN. OR ("6617727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 14:49
S10 6	12	("1934270"   "2591989"   "2672965"   "4694943"   "4787491"   "5355748").PN. OR ("5542514"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 15:00
S10 7	8091	"192"/\$7.ccls. and (one-way or (one adj way) or over\$running or free\$wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:05
S10 8	8997	"192"/\$7.ccls. and (one-way or (one adj way) or over\$running or free\$wheel or over\$run or free\$wheeling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:14

## EAST Search History

S10 9	33	S108 and ((inner adj race) near3 recess)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:14
S11 0	31	("2684140"   "2884101"   "3055471"   "3124972"   "3173309"   "3182527"   "3513476"   "3581597"   "3700082"   "3741343"   "3935753").PN. OR ("4560056"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 15:10
S11 1	59134	clutch and (one-way or (one adj way) or over\$running or free\$wheel or over\$run or free\$wheeling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:14
S11 2	58	S111 and ((inner adj race) near3 recess)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:15
S11 3	25	S112 not S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:17
S11 4	3538	S111 and (inner adj race)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:17
S11 5	257	S111 and ((inner adj race) with (inner adj peripher\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 07:02
S11 6	3	("5850897"   "6325190").PN. OR ("6484854").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 15:46

## EAST Search History

S11 7	47	("0545017"   "1375576"   "1639974"   "2044197"   "2065244"   "2215615"   "2292988"   "2815838"   "2835364"   "3194368"   "3545581"   "3550737"   "3563352"   "3623581"   "3978949"   "3978950"   "4725259"   "4735599"   "4986140"   "5035309"   "5211274"   "5215174"   "5235878"   "5279400"   "5427458"   "5485905"   "5517957"   "5575366"   "5595272"   "5617937"   "5672110"   "5675202"   "5676225"   "5908094"   "5996753").PN. OR ("6443280"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 15:47
S11 8	59148	clutch and (one-way or (one adj way) or over\$running or free\$wheel or over\$run or free\$wheeling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 07:02
S11 9	257	S118 and ((inner adj race) with (inner adj peripher\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 07:02
S12 0	558	192/48.92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:16
S12 1	9	("20020067999"   "20020104321"   "20020124580"   "5959385"   "6148632"   "6467291").PN. OR ("6617727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 07:54
S12 2	7	("4169360"   "5867996"   "6247899"   "6375436"   "6617727"   "6619929"   "6638027").PN. OR ("6821094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 07:55
S12 3	9	("20020067999"   "20020104321"   "20020124580"   "5959385"   "6148632"   "6467291").PN. OR ("6617727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 07:57
S12 4	1	((one\$way) or (one adj way)) and (rotating adj shaft) and (first and second) and (inner and outer) and ring and (engagement and ball and (annular adj recess)).clm.	US-PGPUB	OR	ON	2006/11/14 08:50